<u> </u>		Application Number	10/757,298	
Under the Paperwork Reduction Act of TRANSMITTAL FORM		Filing Date	January 14, 2004	
FORM		First Named Inventor	R. Andrews	
(to be used for all correspondence after initi	al filing)			
		Art Unit Examiner Name	Not Yet Assigned Not Yet Assigned	
Total Number of Pages in This Submission	7	Attorney Docket Number	IBIS0038-100 (CHEM0001US)	
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	ENCLO	SURES (check all that apply)	After Allowance Communication	
Fee Transmittal Form	☐ Drawin	g(s)	Group Group	
Fee Attached	Licensi	ing-related Papers	Appeal Communication to Board Appeals and Interferences	
Amendment / Reply	Petition	1	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
☐ After Final		n to Convert to a ional Application	Proprietary Information	
Affidavits/declaration(s)		of Attorney, Revocation e of Correspondence Address	Status Letter	
Extension of Time Request	Terminal Disclaimer		Other Enclosure(s) (please identify below):	
_	Request for Refund		References AL-AU	
Express Abandonment Request	CD, Number of CD(s)			
☑ Information Disclosure Statement				
Certified Copy of Priority Document(s)	Rema	rks		
Response to Missing Parts/ Incomplete Application				
Response to Missing Parts under 37 CFR 1.52 or 1.53				
SIGNA	TURE OF	APPLICANT, ATTORNEY, O	R AGENT	
Firm or Individual name David A. Sadewa		_		
Signature David	Davida Sadewasser			
Date March	March 10, 2004			
		RTIFICATE OF MAILING		

March This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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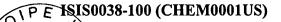
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David A. Sadewasser

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Typed or printed name

Signature



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

THADEUT Re Application of: Robert S. Andrews, et al

Serial No.: 10/757,298 Group Art Unit: Not Yet Assigned

Filing Date: January 14, 2004 Examiner: Not Yet Assigned

For: MODIFIED OLIGONUCLEOTIDES

FOR USE IN GENE MODULATION

DATE OF DEPOSIT: March 10, 2004
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TYPED NAME! David A. Sadewasser REGISTRATION NO 2-55,587

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.56 and in accordance with 37 C.F.R. §§ 1.97 and 1.98, information relating to the above-identified application is hereby disclosed, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO Form SB/08A and PTO Form SB/08B, formerly known as PTO Form 1449 submitted herewith.

Inclusion of the information submitted herewith is not to be construed as an admission that the information is material as that term is defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This I	nforma	ation Disclosure Statement is being filed:			
\boxtimes	within	three months of the filing date of the patent application.			
	within three months of the date of entry into the national stage as set forth in 37 C.F.R. § 1.491 of the international application.				
	before the mailing date of a first Office Action on the merits.				
	mailin	the mailing date of a first Office Action on the merits, but before the ag date of a Final Office Action under 37 C.F.R. § 1.116 or a Notice of rance under 37 C.F.R. § 1.311, and accordingly is accompanied by:			
		the Statement under 37 C.F.R. § 1.97(e) (see "Statement" below);			
		or			
		the Fee of \$180.00 set forth in 37 C.F.R. § 1.17(p); or			
		No fee is owed by the applicant(s).			
	In accordance with 37 C.F.R. § 1.129(a), this Information Disclosure Statement is being filed in connection with \Box the first or \Box second Afte Final Submission, and accordingly is accompanied by the Statement under 3° C.F.R. § 1.97(e) (see "Statement" below) and the fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p), is attached.				
	Notice with, Staten	the mailing date of a Final Office Action under 37 C.F.R. § 1.116 or a e of Allowance under 37 C.F.R. § 1.311, but before, or simultaneously the payment of the Issue Fee, and accordingly is accompanied by the nent under 37 C.F.R. § 1.97(e), a Petition requesting consideration of the nation Disclosure Statement and the Petition Fee of \$130.00 set forth in F.R. § 1.17(i)(1) (see "Statement," "Petition," and "Fees" below).			
\boxtimes		s of references (AL-AU) listed on the attached PTO Form SB/08A and Form SB/08B, formerly known as PTO Form 1449 are enclosed.			
	EXCI	EPT THAT:			
		In view of the voluminous nature of reference @@, and the likelihood that this reference is available to the Examiner, copies are not enclosed herewith.			
		In accordance with 37 C.F.R. § 1.98(d), copies of the following references listed on the attached PTO Form SB/08A and PTO Form SB/08B, formerly known as PTO Form 1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application.			

		Copies of references listed on the attached PTO Form SB/08A and PTO Form SB/08B, formerly known as PTO Form 1449 were previously cited by or submitted to the U.S. Patent and Trademark Office in parent application Serial No filed on If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.
State	ment ur	nder 37 C.F.R. § 1.97(e)
	in the foreig	Information Disclosure Statement was cited in a communication from a n patent office in a counterpart foreign patent application not more than months prior to the filing of the Information Disclosure Statement.
Petiti	on	
	reference PTO	cant(s) hereby petitions the Assistant Commissioner to consider the nees listed in this Information Disclosure Statement, on the enclosed Form SB/08A and PTO Form SB/08B, formerly known as PTO Form and the examination of the above-identified patent application.
Fees		
\boxtimes	No Fe	e is owed by the applicant(s).
		information Disclosure Statement Fee of \$180.00 under 37 C.F.R. (p) is enclosed herewith.
	The P	etition Fee of \$130.00 under 37 C.F.R. § 1.17(i)(1) is enclosed herewith.
Meth	od of Pa	ayment of Fees
		ned is a check in the amount of \$ This form is itted in duplicate.
	_	e Deposit Account No. 50-1275 in the amount of \$ form is submitted in duplicate.
\boxtimes		e charge any deficiency or credit any overpayment to Deposit unt 50-1275.

No fee or Statement is required under 37 C.F.R. § 1.97(b).

Respectfully submitted,

Dated: March 10, 2004

COZEN O'CONNOR, P.C. 1900 Market Street, 5th Floor Philadelphia, PA 19103-3508 (215) 665-2000 – Telephone (215) 701-2013 - Facsimile David A. Sadewasser

Registration No. 255,587

David R. Ladewasser

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known **Application Number** 10/757.298 Filing Date January 14, 2004 First Named Inventor R. Andrews Art Unit Not Yet Assigned **Examiner Name** Not Yet Assigned

(use as many sheets as necessary)

Sheet of 2 ISIS0038-100 (CHEM0001US) Attorney Docket Number

	1	Document Number	U.S. PATENT D	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear	
Examiner Initials *	Cite No.1	Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Cited Document		
	AA	US-5,898,031	04/27/1999	Crooke		
	AB	US- 6,107,094	08/22/2000	Crooke		
	AC	US- 5,770,713	06/23/1998	Imbach et al		
	AD	US- 5,760,209	06/02/1998	Cheruvallath et al		
	AE	US- 5,614,621	03/25/1997	Ravikumar et al		
	AF	US- 6,051,699	04/18/2000	Ravikumar		
	AG	US- 6.020,745	02/01/2000	Capaldi et al		
	AH	US- 6,326,478	12/04/2001	Cheruvallath et al		
	Al	US- 6,169,177	01/02/2001	Manoharan		
	AJ	US- 6,121,437	09/19/2000	Guvaev et al		
	AK	US- 6,465,628	10/15/2002	Ravikumar et al		
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FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant	T ⁸	
Initials* No.1	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)		Document	Passages or Relevant Figures Appear		
	AL	WO96/07392	03/14/96	Hybridon			
	AM	WO93/24510	12/09/93	CNRS			
	AN	WO94/26764	11/24/94	CNRS			
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Substitute for form 1449A/PTO				Complete if Known		
INIEC	DILATION	DIO	OL OOUBE	Application Number	10/757,298	
			CLOSURE	Filing Date	January 14, 2004	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	R. Andrews	
				Group Art Unit	Not Yet Assigned	
(use as many sheets as necessary)		Examiner Name	Not Yet Assigned			
Sheet	2	of	2	Attorney Docket Number	ISIS0038-100 (CHEM0001US)	

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	AO	ELBASHIR, et al., "Functional anatomy of siRNAs for mediating efficient RNAi in Drosophila melanogaster embryo lysate," EMBO J. (2001) 20:6877-6887.	
	AP	BRANTL, "Antisense-RNA regulation and RNA interference," Biochim. Biophys. Acta (2002) 1575:15-25.	
· · · · · · ·	AQ	PARRISH, et al., "Functional anatomy of a dsRNA trigger: differential requirement for the two trigger strands in RNA interference," Mol. Cell (2000) 6:1077-1087.	
,	AR	MELLITZER, et al., "Spatial and temporal "knock down" of gene expression by electroporation of double-stranded RNA and morpholinos into early postimplantation mouse embryos," Mech. Devel. (2002) 118:57-63.	
	AS	BOUTLA, et al., "Short 5'-phosphorylated double-stranded RNAs induce RNA interference in Drosophila," Curr. Biol. (2001) 11:1776-1780.	
	AT	SCHWARZ, et al., "Eviidence that siRNAs function as guides, not primers, in the Drosophila and Human RNAi pathways," Mol. Cell (2002) 10:537-548.	
	AU	CHIU, et al., "RNAi in human cells: basic structural and functional features of small interfering RNA," Mol. Cell (2002) 10:549-561.	

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Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.